

Nnisarg Gada

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EDUCATION

Bachelor of Technology in Computer Engineering

Mukesh Patel School of Technology Management and Engineering

2022-2026

Mumbai

WORK EXPERIENCE

Lead of Technical Development

MAARG India - maargindia.org

Nov 2023 - Present

Mumbai

- Built a fast, lightweight **PWA** using **Astro** for the NGO's website.
- Integrated **Google Sheets** for dynamic content management and real-time updates.
- Developed a career exploration tool for **500+ children** to explore tech careers.
- Managed tasks and ensured timely delivery through effective team collaboration.

Joint General Secretary - Tech

MUN Society MPSTME - munsocietypstme.com

May 2024 - Present

Mumbai

- Led the development of **Delego**, an app with **514 registrations** and **600+ installs**, for the MUMBAI MUN 2024 event.
- Managed the transition from **Firebase** to a custom backend, optimizing performance and scalability.
- Worked on key websites, including mumbaimun.com, which saw **720 average daily visitors**.
- Directed the team through technical challenges, ensuring high-quality results and timely delivery under tight deadlines.

PROJECTS

MUNDRA | FastAPI, Python, RESTful APIs, Git, JWT, OAuth, DevOps, Open-Source

mundra.nnisarg.in/redoc

- Developed **custom authentication** for secure delegate and organiser login.
- Implemented **automated email notifications** for event updates to 600+ participants.
- Deployed MUNDRA, managing **600+ participants** and enhancing event logistics and experience.

SWFT | Flask, Python, Web Dev, CLI, cURL, wget, Docker, Open-Source

share.nnisarg.in

- **Web-based** file sharing service for quick and secure file uploads.
- Generate **shareable links** and customize them.
- Supports **curl** and **wget** for command-line file sharing.
- Easy **Docker** setup and configuration.
- **Admin dashboard** for managing uploads.

Stabl | Go, DevOps, Linux, macOS, Windows, CLI, Open-Source, Backend

github.com/nnisarggada/stabl

- **Go-based** lightweight **round-robin load balancer** for traffic distribution.
- **Cross-platform** support (Linux, macOS, Windows).
- Features **customizable settings**, **traffic stabilization**, and **logging**.
- Easy setup with **config.json** and command-line options.

NyChess | Python, Chess, Engine, Game, AI, Pygame, GUI

github.com/nnisarggada/nychess

- Developed a **custom chess engine** and **AI** using **Python** and **Pygame**.
- Provides **interactive chessboard** with move undo, board flip, and menu controls.
- Supports **Windows** (EXE), **Linux** (AppImage), and manual terminal installation.
- Built entirely with **custom code**, using **Pygame** for the interface.

TECHNICAL SKILLS

Frontend | Astro, React, NextJS, TailwindCSS, Javascript, HTML, CSS

Backend | Flask, FastAPI, Node, Express, MySQL, Python, Go, Golang, SQL, PostgreSQL

DevOps | Linux, Nginx, Cloudflare, PM2, Cronjobs, Docker, Bash, Bash Scripting

Miscellaneous | Github, Figma, Unity, Graphic Designing